

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L3	43	SULLIVAN near STEVEN	US-PGPUB; USPAT	OR	OFF	2007/03/27 15:23
L5	17	integrated wheel hub motor generator electromagnetic braking system aircraft landing gear	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/27 15:25

L3 → inventor

L5 → interferencer

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	598	244/110R,111,110A.ccls.	US-PGPUB; USPAT	OR	OFF	2005/04/11 16:20
S2	96	S1 and electric\$	US-PGPUB; USPAT	OR	OFF	2005/04/11 16:25
S3	8	S1 and (electromagnetic or (electro adj magnetic))	US-PGPUB; USPAT	OR	OFF	2005/04/11 16:29
S4	0	electromagnetic adj aircraft adj brakes	US-PGPUB; USPAT	OR	OFF	2005/04/11 16:29
S5	0	electromagnetic adj aircraft adj brake	US-PGPUB; USPAT	OR	OFF	2005/04/11 16:29
S6	0	electromagnetic adj aircraft adj brake	US-PGPUB; USPAT	OR	ON	2005/04/11 16:29
S7	43	electromagnetic adj brake and aircraft	US-PGPUB; USPAT	OR	ON	2005/04/11 16:29
S8	43	(electromagnetic adj brake) and aircraft	US-PGPUB; USPAT	OR	ON	2005/04/11 16:39
S9	1	regenerative and (electromagnetic adj brake) and aircraft	US-PGPUB; USPAT	OR	ON	2005/04/11 16:39
S10	6	rotor and stator and (electromagnetic adj brake) and aircraft	US-PGPUB; USPAT	OR	ON	2005/04/11 16:42
S11	199	rotor and stator and (electromagnetic adj brake)	US-PGPUB; USPAT	OR	ON	2005/04/11 16:42
S12	7	Guaraldo	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/26 11:03
S13	74	"01456"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/26 11:11
S14	0	S13 and electro	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/26 11:11

## EAST Search History

S15	2	S13 and brake	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/26 11:12
S16	2	S13 and messier	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/26 11:12
S17	1780	messier	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/26 11:12
S18	236	messier and brake	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/26 11:12
S19	124	messier and brake and bugatti	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/26 11:12
S20	13	messier and brake and bugatti and electro	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/26 11:14
S21	10	messier and brake and bugatti and electromagnetic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/26 11:19
S22	159	David with Cruz	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/26 11:19

## EAST Search History

S23	159	David with Cruz	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/26 11:19
S24	0	(David with Cruz) and brake	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/26 11:20
S25	0	(David with Cruz) and magnetorheological	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/26 11:24
S26	474704	mayr and Electromagnetic brake	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/26 11:24
S27	9	mayr and (Electromagnetic adj brake)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/26 11:26
S28	6545	(Electromagnetic adj brake)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/26 11:31
S29	411	S28 and (stator and rotor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/26 11:29
S30	0	S29 and (landing adj gear)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/26 11:29

## EAST Search History

S31	18	S29 and (aircraft)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/26 11:29
S32	430	(Electromagnetic adj brake) with (tire or wheel)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/26 11:31
S33	9	"6189661"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/27 15:24
S34	3	((("6189661") or ("4809824") or ("2824967"))).PN.	US-PGPUB; USPAT	OR	OFF	2006/01/26 11:32
S35	2	((("6189661") or ("4809824"))).PN.	US-PGPUB; USPAT	OR	OFF	2006/01/26 11:36
S36	13	"2824967"	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/26 11:32
S37	18	"2824967"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/26 11:32
S38	96	(electromagnetic with brake) same (regenerative)	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/26 11:37
S39	77	S38 and @ad<"20031215"	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/26 11:56
S40	3	GUARALDO	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/26 11:58
S41	22	"0301456"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/26 11:58

## EAST Search History

S42	7	Guaraldo	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/26 11:59
S43	189	aircraft and regenerat\$3 near300 (break\$3 or brak\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/21 06:46
S44	193	aircraft and (regenerat\$3 near300 (break\$3 or brak\$3))	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/21 07:05
S45	35	(aircraft and (regenerat\$3 near300 (break\$3 or brak\$3))) and (stator same rotor)	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/21 07:05
S46	92	(aircraft and ((regenerat\$3 or electromagnetic\$3) near300 (break\$3 or brak\$3))) and (stator same rotor)	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/21 07:06
S47	24	(aircraft same ((regenerat\$3 or electromagnetic\$3) near300 (break\$3 or brak\$3))) and (stator same rotor)	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/21 07:06
S48	7	(aircraft same ((regenerat\$3 or electromagnetic\$3) near300 (break\$3 or brak\$3))) and (stator same rotor) and (wheel)	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/21 07:06
S49	10	(aircraft same ((regenerat\$3 or electromagnetic\$3) near300 (break\$3 or brak\$3))) and (stator same rotor) and (wheel\$3 or (landing adj2 gear))	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/21 07:11
S50	10	(aircraft same ((regenerat\$3 or electromagnetic\$3) near300 (break\$3 or brak\$3))) and (stator\$2 same rotor\$2) and (wheel\$3 or (landing adj2 gear))	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/21 07:14
S51	22	((("6137250") or ("6573675") or ("6140780") or ("6318487") or ("20050189894") or ("1622145") or ("2128044") or ("2564320") or ("2767368") or ("3396325") or ("4885526") or ("5397975") or ("3671788") or ("4562399") or ("3344325") or ("2149634") or ("4499420") or ("3466518") or ("4564778") or ("4642539") or ("5175462") or ("2767368") or ("6508094"))).PN.	US-PGPUB; USPAT	OR	OFF	2006/02/21 07:13

## EAST Search History

S52	0	S51 and (((regenerat\$3 or electromagnetic\$3) near300 (break\$3 or brak\$3))) and (stator\$2 same rotor\$2) and (wheel\$3 or (landing adj2 gear))	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/21 07:14
S53	0	("6530625.pn.").PN.	US-PGPUB; USPAT	OR	OFF	2006/02/21 07:57
S54	1	("6530625").PN.	US-PGPUB; USPAT	OR	OFF	2006/02/21 08:58
S55	0	"6918470" and regenerat\$4	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/21 10:18
S56	42	(car or truck or automobile) and (regenerative with braking) and (wheel near300 (stator and rotor))	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/21 10:20
S57	8	(car or truck or automobile) and (regenerative with braking) and (wheel near300 (stator and rotor)) and heat and battery and friction	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/21 10:24
S58	1	(landing adj gear) same (regenerative with braking) and (wheel near300 (stator and rotor)) and heat and battery and friction	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/21 10:25
S59	1	(landing adj gear) and (regenerative with braking) and (wheel near300 (stator and rotor)) and heat and battery and friction	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/21 10:25
S60	5	(aircraft or airplane or spaceship or spacecraft) and (regenerative with braking) and (wheel near300 (stator and rotor)) and heat and battery and friction	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/21 11:34
S61	3432	(electromagnet with iron) and @pd<"20040101"	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/21 11:35
S62	208	(electromagnet near iron) and @pd<"20040101"	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/21 11:35
S63	194	(electromagnet near iron) and @pd<"20030101"	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/21 11:35
S64	182	(electromagnet near iron) and @pd<"20010101"	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/21 11:35
S65	29	(electromagnet with (iron and superconductive)) and @pd<"20010101"	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/21 11:39

## EAST Search History

S66	2	(electromagnet with (carbon and superconductive)) and @pd<"20010101"	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/21 11:39
S67	1909	carbon with magnet	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/21 11:40
S68	408	electromagnet and (carbon with magnet)	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/21 11:40
S69	12	electromagnet and (carbon with magnet) and superconductive	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/21 12:04
S70	1	nanofoam and ferromagnets	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/21 12:04
S71	210	nanofoam	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/21 12:04
S72	0	nanofoam with magnet	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/21 12:04
S73	0	nanofoam with magnetism	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/21 12:04
S74	53	nanofoam with carbon	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/21 12:04
S75	153	electricity (nanofoam with carbon)	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/21 12:05
S76	0	electricity and (nanofoam with carbon)	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/21 12:05
S77	0	magnetism and (nanofoam with carbon)	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/21 12:05
S78	2008	ferromagnetism (nanofoam with carbon)	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/21 12:05
S79	0	ferromagnetism and(nanofoam with carbon)	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/21 12:05
S80	859	ferromagnetism and (nanofoam near "300" carbon)	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/21 12:05



## EAST Search History

S81	0	ferromagnetism and (nanofoam near300 carbon)	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/21 12:05
S82	0	ferromagnetism and (nanofoam same carbon)	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/21 12:32
S83	14	"3292021" and superconducting	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/21 12:32
S84	1	"3292021".pn. and superconducting	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/21 12:32
S85	10	(landing adj gear) with prerotation	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/21 13:22
S86	186	244/103S.ccls.	US-PGPUB; USPAT	OR	OFF	2006/03/06 12:52
S87	2	244/103S.ccls. and magnet\$4 and gyrosco\$4	US-PGPUB; USPAT	OR	OFF	2006/03/06 12:53

## EAST Search History

S88	58	(US-20010029414-\$ or US-20040040756-\$ or US-20040155468-\$ or US-20040159480-\$ or US-20050082424-\$ or US-20050178115-\$ or US-20050181246-\$ or US-20050258790-\$ or US-20060028178-\$ or US-20040212259-\$ or US-20040263099-\$ or US-20030057663-\$ or US-20050109568-\$ or US-20030189380-\$ or US-20050189894-\$ or US-20040154880-\$).did. or (US-6758440-\$ or US-5988307-\$ or US-3671788-\$ or US-6140780-\$ or US-6918470-\$ or US-4572585-\$ or US-2564320-\$ or US-5833564-\$ or US-4488053-\$ or US-3622977-\$ or US-5397975-\$ or US-2767368-\$ or US-2149634-\$ or US-6295487-\$ or US-4564778-\$ or US-3344325-\$ or US-5182958-\$ or US-4499420-\$ or US-4562399-\$ or US-2128044-\$ or US-3466518-\$ or US-5721473-\$ or US-6573675-\$ or US-4642539-\$ or US-5175462-\$ or US-1622145-\$). did. or (US-4885526-\$ or US-6137250-\$ or US-6318487-\$ or US-3396325-\$).did. or (US-3017145-\$ or US-1931282-\$ or US-2891742-\$ or US-2998538-\$ or US-2475461-\$).did. or (FR-2811393-\$ or WO-159317-\$). did. or (EP-1445508-\$ or FR-2811393-\$ or DE-10143499-\$ or BR-9400893-\$ or DE-10222101-\$). did.	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	ON	2006/03/06 12:57
S89	24	S88 and series	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/06 12:58
S90	3	S88 and (series near100 stator)	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/06 13:03
S91	1056	weight with (landing adj gear)	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/06 13:03
S92	1	(weight near input) with (landing adj gear)	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/06 13:03

## EAST Search History

S93	15	(weight with input) with (landing adj gear)	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/06 13:06
S94	6	((weight with input) with (landing adj gear)) or (weight near10 on near10 wheels)) and weather	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/06 13:06
S95	4	((("3017145") or ("5721473") or ("6318487") or ("2564320")).PN.	US-PGPUB; USPAT	OR	OFF	2006/03/06 14:42
S96	61	(US-20050258790-\$ or US-20060028178-\$ or US-20050178115-\$ or US-20050189894-\$ or US-20050181246-\$ or US-20050109568-\$ or US-20050082424-\$ or US-20040155468-\$ or US-20040263099-\$ or US-20040212259-\$ or US-20040159480-\$ or US-20030189380-\$ or US-20040154880-\$ or US-20010029414-\$ or US-20040040756-\$ or US-20030057663-\$).did. or (US-6573675-\$ or US-6918470-\$ or US-6758440-\$ or US-6295487-\$ or US-6140780-\$ or US-6318487-\$ or US-5988307-\$ or US-6137250-\$ or US-5182958-\$ or US-5833564-\$ or US-5721473-\$ or US-4642539-\$ or US-5397975-\$ or US-5175462-\$ or US-4564778-\$ or US-4885526-\$ or US-4572585-\$ or US-4488053-\$ or US-3671788-\$ or US-4562399-\$ or US-3466518-\$ or US-3396325-\$ or US-4499420-\$ or US-2564320-\$ or US-2128044-\$ or US-3622977-\$). did. or (US-1622145-\$ or US-3344325-\$ or US-2767368-\$ or US-2149634-\$ or US-4687158-\$ or US-6484072-\$).did. or (US-3017145-\$ or US-2998538-\$ or US-2891742-\$ or US-2475461-\$ or US-1931282-\$ or US-3310976-\$). did. or (FR-2811393-\$ or WO-159317-\$).did. or (EP-1445508-\$ or DE-10143499-\$ or FR-2811393-\$ or BR-9400893-\$ or DE-10222101-\$).did.	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	ON	2006/11/07 10:21

## EAST Search History

S97	31	S96 and (aircraft or airship or airplane or spacecraft or spaceplane or spaceship)	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	ON	2006/11/07 11:20
S98	30	S96 not (aircraft or airship or airplane or spacecraft or spaceplane or spaceship)	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	ON	2006/11/07 12:15
S99	11	S97 not (dynamic\$4 or regenerat\$4) and brak\$4	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	ON	2006/11/07 10:24
S10 0	8	S97 not (((dynamic\$4 or regenerat\$4) and brak\$4) or (generat\$4 same electric\$4))	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	ON	2006/11/07 10:25
S10 1	3	S97 not (((dynamic\$4 or regenerat\$4) and brak\$4) or (generat\$4 same electric\$4) or electromagnet\$4)	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	ON	2006/11/07 10:27
S10 2	29	(US-20050258790-\$ or US-20060028178-\$ or US-20050178115-\$ or US-20050181246-\$ or US-20050109568-\$ or US-20050082424-\$ or US-20040155468-\$ or US-20040263099-\$ or US-20040159480-\$ or US-20040154880-\$ or US-20010029414-\$ or US-20040040756-\$ or US-20030057663-\$).did. or (US-6918470-\$ or US-6758440-\$ or US-6295487-\$ or US-5988307-\$ or US-5182958-\$ or US-5833564-\$ or US-5721473-\$ or US-4572585-\$ or US-4488053-\$).did. or (US-3017145-\$ or US-2998538-\$ or US-2891742-\$ or US-2475461-\$ or US-1931282-\$ or US-3310976-\$). did. or (EP-1445508-\$).did.	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2006/11/07 10:26
S10 3	28	S102 and (((dynamic\$4 or regenerat\$4) and brak\$4) or (generat\$4 same electric\$4) or electromagnet\$4)	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	ON	2006/11/07 10:27

## EAST Search History

S10 4	28	S102 and (((dynamic\$4 or regenerat\$4) and brak\$4) or (generat\$4 same electric\$4) or electromagnet\$7)	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	ON	2006/11/07 11:19
S10 5	29	S102 or S104	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	ON	2006/11/07 10:27
S10 6	10	(US-20050109568-\$ or US-20040263099-\$ or US-20040040756-\$).did. or (US-6758440-\$ or US-6295487-\$ or US-4572585-\$ or US-4488053-\$ or US-6918470-\$).did. or (US-1931282-\$).did. or (EP-1445508-\$).did.	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2006/11/07 10:38
S10 7	9	S106 and (((dynamic\$4 or regenerat\$4) and brak\$4) or (generat\$4 same electric\$4) or electromagnet\$7)	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	ON	2006/11/07 11:20
S10 8	9	S107 and (aircraft or airship or airplane or spacecraft or spaceplane or spaceship)	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	ON	2006/11/07 12:08
S10 9	10	S106 and (((dynamic\$4 or regenerat\$4) and brak\$4) or (generat\$4 same electric\$4) or electromagnet\$7 or brak\$4)	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	ON	2006/11/07 12:08
S11 0	11	S99	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	ON	2006/11/07 11:20
S11 1	10	S109 and (aircraft or airship or airplane or spacecraft or spaceplane or spaceship)	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	ON	2006/11/07 11:21
S11 2	2	((("4991797") or ("3138009")).PN.	US-PGPUB; USPAT	OR	OFF	2006/11/07 12:06
S11 3	3	((("6758440") or ("20040040756") or ("20050109568")).PN.	US-PGPUB; USPAT	OR	OFF	2006/11/07 12:07

## EAST Search History

S11 4	5	("3172625"   "3589650"   "3604665"   "3620489").PN. OR ("2004/0040756"   "2005/0109568"   "6758440").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/07 12:07
S11 5	345374	(aircraft or airship or airplane or spacecraft or spaceplane or spaceship)	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	ON	2006/11/07 12:08
S11 6	1760435	((dynamic\$4 or regenerat\$4) and brak\$4) or (generat\$4 same electric\$4) or electromagnet\$7 or brak\$4)	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	ON	2006/11/07 12:09
S11 7	131767	stator and rotor	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	ON	2006/11/07 12:09
S11 8	4425	S115 and S116 and S117	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	ON	2006/11/07 12:08
S11 9	838981	((dynamic\$4 or regenerat\$4) with brak\$4) or (generat\$4 same electric\$4) or electromagnet\$7 with brak\$4)	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	ON	2006/11/07 12:10
S12 0	3272	S118 and S119	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	ON	2006/11/07 12:09
S12 1	18393	((dynamic\$4 or regenerat\$4) with brak\$4) or (generat\$4 same electric\$4) or electromagnet\$7 with brak\$4)) same (stator and rotor)	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	ON	2006/11/07 12:16
S12 2	1380	S120 and (gear)	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	ON	2006/11/07 12:13
S12 3	753	S122 and S121	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	ON	2006/11/07 12:15

## EAST Search History

S12 4	8870	(aircraft or airship or airplane or spacecraft or spaceplane or spaceship) same ((landing adj gear) or (nose adj gear) or (main near gear))	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	ON	2006/11/07 12:16
S12 5	8892	(aircraft or airship or airplane or spacecraft or spaceplane or spaceship) same ((landing near gear) or (nose near gear) or (main near gear))	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	ON	2006/11/07 12:16
S12 6	50	(aircraft or airship or airplane or spacecraft or spaceplane or spaceship) same ((landing near gear) or (nose near gear) or (main near gear)) and (((dynamic\$4 or regenerat\$4) with brak\$4) or (generat\$4 same electric\$4) or electromagnet\$7 with brak\$4)) same (stator and rotor)	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	ON	2006/11/07 12:17
S12 7	52	(aircraft or airship or airplane or spacecraft or spaceplane or spaceship) same ((landing near gear) or (nose near gear) or (main near gear)) and (((dynamic\$4 or regenerat\$4 or electromagnet\$4 or generat\$4) with brak\$4) same (stator and rotor))	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	ON	2006/11/07 12:21
S12 8	18	(aircraft or airship or airplane or spacecraft or spaceplane or spaceship) same ((landing near gear) or (nose near gear) or (main near gear)) and (((dynamic\$4 or regenerat\$4 or electromagnet\$4 or (electric\$4 with generat\$4)) with brak\$4) same (stator and rotor))	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	ON	2006/11/07 12:28
S12 9	5	((("20050082999") or ("7129658") or ("6241052") or ("5944147") or ("3482806")).PN.	US-PGPUB; USPAT	OR	OFF	2006/11/07 12:28
S13 0	4	S129 and S128	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/07 13:49
S13 1	1	("20060038068").PN.	US-PGPUB; USPAT	OR	OFF	2006/11/07 14:26
S13 2	1	("20050224642").PN.	US-PGPUB; USPAT	OR	OFF	2006/11/07 14:26

## EAST Search History

S13 3	300	(US-20050224642-\$ or US-20060038068-\$ or US-20010007296-\$ or US-20030213657-\$ or US-20050110339-\$ or US-20020057012-\$ or US-20030033927-\$ or US-20030102191-\$ or US-20030111895-\$ or US-20040011602-\$ or US-20040084252-\$ or US-20050017128-\$ or US-20050194495-\$ or US-20050234606-\$ or US-20050240321-\$ or US-20050251306-\$ or US-20050269873-\$ or US-20060186736-\$ or US-20060219492-\$ or US-20060226698-\$ or US-20020030138-\$ or US-20030125848-\$ or US-20060065780-\$ or US-20060186267-\$ or US-20060226281-\$ or US-20010035681-\$).did. or (US-20020014800-\$ or US-20020105226-\$ or US-20020195872-\$ or US-20030020326-\$ or US-20030025035-\$ or US-20030107266-\$ or US-20030120413-\$ or US-20040011596-\$ or US-20040065776-\$ or US-20040069902-\$ or US-20040140715-\$ or US-20040189084-\$ or US-20040195442-\$ or US-20040220714-\$ or US-20050151417-\$ or US-20050159873-\$ or US-20050200198-\$ or US-20050225171-\$ or US-20050242659-\$ or US-20060080021-\$ or US-20060191751-\$ or US-20030029680-\$ or US-20050109565-\$ or US-20060102436-\$ or US-20060225404-\$ or US-20060231675-\$).did. or (US-4296897-\$ or US-4474060-\$ or US-5348122-\$ or US-5862890-\$ or US-6439353-\$ or US-6581730-\$ or US-4430715-\$ or US-5019774-\$ or US-6663192-\$ or US-4373385-\$ or US-4923056-\$ or US-4821983-\$ or US-5751177-\$ or US-4317485-\$ or	US-PGPUB; USPAT	OR	ON	2006/11/13 08:17
3/27/2007 3:25:57 PM		C:\Documents and Settings\sholize\My Documents\EAST\Workspaces\10734216.wsp				Page 15



# UPDATED SEARCH

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	17	244/110R,111,110A,103R,103S.ccls. and brak\$4 and electromagnet\$4	US-PGPUB; USPAT	OR	OFF	2007/03/27 15:23
L2	36450	SULLIVAN, nearSTEVEN	US-PGPUB; USPAT	OR	OFF	2007/03/27 15:23
L4	12377611	integrated wheel hub motor generator electromagnetic braking system aircraft landing gear	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/27 15:24


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## Patents

 Patents 1 - 10 on **electromagnetic braking aircraft**. (0.85 seconds)

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### ELECTRODYNAMIC BRAKE OF MAGNETIC FLUID TYPE

US Pat. 3447006 - Filed Sep 28, 1967

and dynamic **braking** by the of the brake **aircraft** arresting system and will be ... will be appre- **electromagnetic** brake for an **aircraft** arresting system ...

### Electromagnetic brake

US Pat. 6918470 - Filed Jan 21, 2004 - Messier - Bugatti

1, and in a manner known per se, an **aircraft** wheel 1 is mounted to rotate on an ... motor 15 is powered and is providing normal **braking** for the vehicle. ...

### Aircraft control surface actuator

US Pat. 4079902 - Filed Apr 18, 1977

The **aircraft** steering surface actuator operates in the following manner. ...

The core 8 of the **electromagnetic** brake 6 is driven through translatory motion ...

### AIRCRAFT ICE PREVENTER

US Pat. 2371269 - Filed Dec 15, 1941

Thereupon the source of electricity is connected to the **electromagnetic** brake ... instrument board or at some other 6 desired location on the **aircraft**. ...

### AUTOMATIC STEERING DEVICE

US Pat. 1931282 - Filed Mar 13, 1933

The contact arm 8 is actuated by an **electromagnetic** turning de- vice, ...

the coils of the stator 6a, the **braking** effect of the device—61 will decrease. ...

### Improvements in and relating to winches

US Pat. 4448395 - Filed Jan 18, 1982 - Sykes Pumps Limited

5, is cuit for the **electromagnetic** brake and clutch means depressed. ... circuit to main- required to coordinate **braking** of the **aircraft** to a stand- tain ...

### MOTOR HAVING AN ELECTROMAGNETIC BRAKE

US Pat. 2536491 - Filed Aug 31, 1945

... for example—in **aircraft**, and other vehicles—the prior art devices involve ... out the **braking** function and the **electromagnetic** release of the brakes. ...

### Electromagnetic aircraft arrestor system

US Pat. 6758440 - Filed Mar 21, 2003 - Curtiss-Wright Electro-Mechanical Corporation

Following this initial transient period, cable tension, and 65 therefore **aircraft** **braking**, results from the controlled appli-cation of torque to the ...

### Electrically actuated aircraft brakes

US Pat. 4432440 - Filed Feb 11, 1982 - Goodyear Aerospace Corporation

The sig- by such bolts to the axle of the **aircraft** wheel such that nal may be ... or cap 32 is keyed to the rim 18 torque achieving the **braking** effort. ...

### MKCHANICAL TRANSMISSION RELAY FOR A CONTROL FACILITY COMPRISING A MANUAL ELEMENT AND A SERVO-MOTOR, AND ITS USE IN AIRCRAFT CONTROL SYSTEMS

US Pat. 3750984 - Filed May 11, 1972

1 is a diagrammatic view of an **aircraft** piloting the mean trim position ...

3 is a section on the line III—III of FIG.; tacts and an **electromagnetic** brake. ...

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www.globalsecurity.org/military/systems/ship/systems/emals.htm - 34k -

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[Similar pages](#)**Electromagnetic brake** - Patent 6918470

An object of the invention is to provide an **electromagnetic brake** that does not ...  
herein with reference to an electromechanical **brake** for an **aircraft**, ...  
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